

Electronic Information Disclosure Statement

IN SITU THERMAL PROCESSING OF A **HYDROCARBON CONTAINING** FORMATION TO PRODUCE A MIXTURE **INCLUDING AMMONIA**

09/841636

Application:

09/841636

Confirmation: 6234

Applicant(s):

Scott Wellington

Docket

5659-03700

Number:

Group Art

Unit:

Examiner:

Unknown

(4087130 or 4537252 or re30019 or 2623596 or 3775185 or 4524113 or 5284878 or 5767584 or

search string: 5955039 or 4091869 or 4513816 or 0094813 or 5008085 or 4099567 or 0048994 or 6485232 or

20020018697).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
(10)	P23	4087130	1978-05-02	*4087130*	Garrett_]	
W W	P24	4537252	1985-08-27	<u>*4537252*</u>	Puri		
	P25	re30019	1979-06-05	*re30019*	Lindquist		
W	P26	2623596	1952-12-30	*2623596*	Whorton et al.		
W.	P27	3775185	1973-11-27	*3775185*	Kunz et al.		

(<u> </u>	,	·	<u></u>
P28	4524113	1985-06-18	*4524113*	Lesieur
P29	5284878	1994-02-05	*5284878*	Studer et al.
P30	5767584	1998-06-16	*5767584*	Gore et. al
P31	5955039	1999-09-21	*5955039*	Dowdy
P32	4091869	1978-05-30	*4091869*	Hoyer
P33	4513816	1985-04-30	*4513816*	Hubert
P34	0094813	1869-09-14	*0094813*	Dickey
P35	5008085	1991-04-16	*5008085*	Bain et al.
P36	4099567	1978-07-11	*4099567*	Terry
P37 .	0048994	1865-07-25	*0048994*	Parry
P38	6485232	2002-11-26	*6485232*	Vinegar et al.

Published Applications

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class Subclas
	U01	20020018697	2002-02- 14	*20020018697*	Vinegar et al.	

Remarks

(Remarks are not for responding to an office action.)

Please note: Foreign patent documents and non-patent references will be sent using a standard US PTO 1449 Form.

2 Examiner Name	: Date
Jewy D Down	6/10/05

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO PRODUCE A MIXTURE **INCLUDING AMMONIA**

Application Number:

09/841636

09/841636

Confirmation Number:

6234

First Named Applicant:

Scott Wellington

Attorney Docket Number: 5659-03700

Art Unit:

1764

Examiner:

Marian C. Knode

Search string:

(3285335 or 3456721).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

- Wil	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	3285335	1966-11-15	Reistle			
	2	3456721	1969-07-22	Smith			

Kaminer Name	Date
Hemil Johnson	6/19/05

Electronic Version v18 Stylesheet Version v18.0

Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO PRODUCE A MIXTURE INCLUDING AMMONIA

Application Number:

09/841636

09/841636

Confirmation Number:

6234

First Named Applicant:

Scott Wellington

Attorney Docket Number: 5659-03700

Art Unit:

1764

Examiner:

Thuan D. Dang

Search string:

(3032102 or 3079085 or 3454365 or 4260018 or 4683947 or 5055180 or 5626191 or 6353706 or 6467543 or 6499536 or 4734115 or 3170842 or 3618663 or 4018280 or 4698149 or

5539853 or 3691291).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

inia	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	3032102	1962-05-01	Parker			
	2	3079085	1991-01-08	Clark, Jr. et al.			
	3	3454365	1969-07-08	Lumpkin et al.			
	4	4260018	1981-04-07	Shum et al.			
	5	4683947	1987-08-04	Fernbacher et al.			•
	6	5055180	1991-10-08	Klaila			
	7	5626191	1997-05-06	Greaves et al.			
	8	6353706	2002-03-05	Bridges			
	9	6467543	2002-10-22	Talwani et al.			
	10	6499536	2002-12-31	Ellingsen			
	11	4734115	1998-03-29	Howard et al.]		
	12	3170842	1965-02-23	Kehler]		
	/ 13	3618663	1971-11-09	Needham			
5) 14	4018280	1977-04-19	Daviduk et al.	}		
" H	•						

ب الأميا				
	15	4698149	1987-10-06	Mitchell
	16	5539853	1996-07-23	Jamaluddin et al.
A	17	3691291	1972-09-12	Taj

Examiner Name	Date
(lub) Down	6/10/05
(July) X Jun	<u> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO PRODUCE A MIXTURE **INCLUDING AMMONIA**

Application Number:

09/841636

09/841636

Confirmation Number:

6234

First Named Applicant:

Scott Wellington

Attorney Docket Number: 5659-03700

Art Unit:

1764

Examiner:

T. D. Dang

Search string:

(3948755 or 4605489 or 4623444 or 4885080 or 5059303 or

6110358 or 20020004533 or 20020112987).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

igit	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	3948755	1976-04-06	McCollum et al.			
	2	4605489	1986-08-12	Madgavkar			
	3	4623444	1986-11-18	Che et al.			
	4	4885080	1989-12-05	Brown et al.			
de	5	5059303	1991-10-22	Taylor et al.			
	6	6110358	2000-08-29	Aldous et al.			

US Published Applications

Note: Applicant is not required to submit a paper copy of cited US Published Applications

Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
1	20020004533	2002-01-10	Wallace et al.			
2	20020112987	2002-08-22	Hou et al.			

Signature

6/10/05

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

IN SITU THERMAL PROCESSING OF A HYDROCARBON CONTAINING FORMATION TO PRODUCE A MIXTURE **INCLUDING AMMONIA**

Application Number:

09/841636

09/841636

Confirmation Number:

6234

First Named Applicant:

Scott Wellington

Attorney Docket Number: 5659-03700

Art Unit:

1764

Examiner:

J. D. Johnson

Search string:

(3017168 or 3434541 or 4598772 or 5456315 or 6789625 or

6782947).pn.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

digit	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	3017168	1962-01-16	Carr]		
	2	3434541	1969-03-25	Cook et al.			
	3	4598772	1986-07-08	Holmes]		
	4	5456315	1995-10-10	Kisman et al.]		
	5	6789625	2004-09-14	de Rouffignac et al.			
	6	6782947	2004-08-31	de Rouffignac et al.]		

Date
6/10/05



Form PTO-1449 (modified)

List of Patents and Publications For

Applicant's Information Disclosure Statement

(Use several sheets if necessary)

ATTY. DOCKET NO.: 5659-03700 SERIAL NO.: 09/841,636

APPLICANT: Wellington et al.

FILING DATE: April 24, 2001

CONFIRMATION NO.: 6234

ART UNIT: 1764

U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CI	ASS	SU CL		FILING DATE IF APP.
VVD	U113	3288648	11/29/1966	Jones					
1	U114	4415034	11/15/1983	Bouck					
	U115	6820688	11/23/2004	Vinegar et al.	\perp				
	U116	6805195	10/19/2004	Vinegar et al.					
	U117	3386508	6/4/1968	Bielstein et al.	_				
	U118	4303126	12/1/1981	Blevins					
	U119	4766958	8/30/1988	Faecke					
	U120	4828031	5/9/1989	Davis					
	U121	5085276	2/4/1992	Rivas et al.	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$				
	U122	5305829	4/26/1994	Kumar	<u> </u>				
	U123	5377756	1/3/1995	Northrop et al.	1				
	U124	5411086	5/2/1995	Burcham et al.					
	U125	4319635	3/16/1982	Jones		_			
	U126	5027896	7/2/1991	Anderson	ļ	$ar{}$			
	U127	5325918	7/5/1994	Berryman et al.					
	U128	4418752	12/6/1983	Boyer et al.			<u> </u>		
	U129	5891829	4/6/1999	Vallejos et al.	<u> </u>			Ш	
	U130	4151877	5/1/1979	French	ļ				
	U131	4243511	1/6/1981	Allred				Ш	
	U132	4439307	3/27/1984	Jaquay et al.	_				
$\triangle 21$	U133	4544478	10/1/1985	Kelley	\perp				
VAV	U134	/ 5041210	8/20/1991	Merrill, Jr. et al.			<u></u>	1	

EXAMINER:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the patent owner.

Form Propleta Minodified)

List of Patents and Publications For

Applicant's Information Disclosure Statement

(Use several sheets if necessary)

ATTY. DOCKET NO.: 5659-03700 SERIAL NO.: 09/841,636

APPLICANT: Wellington et al.

CONFIRMATION NO.: 6234

FILING DATE: April 24, 2001

ART UNIT: 1764

U.S. PATENT DOCUMEN

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APP.
	U135	4285547	8/25/1981	Weichman			
	U136	4234230	11/18/1980	Weichman			
	U137	3700280	10/24/1972	Papadopoulos et al.			
	U138	3759328	9/18/1973	Ueber et al.			<u> </u>
	U139	3804169	4/16/1974	Closmann			<u> </u>
	U140	3804172	4/16/1974	Closmann et al.			
	U141	4065183	12/27/1977	Hill et al.			
	U142	3779602	12/18/1973	Beard et al.			
	U143	4260192	4/7/1981	Shafer		<u> </u>	<u></u>
	U144	4883582	11/28/1989	McCants			
$\Omega(0)$	U145	20030029617	2/13/2003	Brown et al.			
		,	OTHER	ADT			•

OTHER ART

EXAM INITIALS	REF. DES	Article (Including Author, Title, Date, Pertinent Pages, Etc.)
(XXX)		PCT "International Search Report" for International Application No. PCT/US 02/34264 mailed on December 2, 2004; 6 pages.
- ·		

EXAMINER

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with

next communication to the patent owner.